

Title (en)
Thermal Printer

Title (de)
Wärmedrucker

Title (fr)
Imprimante thermique

Publication
EP 1974926 A3 20090812 (EN)

Application
EP 08003908 A 20080303

Priority
JP 2007088086 A 20070329

Abstract (en)
[origin: EP1974926A2] A thermal printer includes a heat sink in which a latent-heat-type heat storage sheet in which a plurality of heat storage materials are added to a base material is attached to a thermal conduction plate. The thermal conduction plate provided in contact with the thermal head. Each of the heat storage materials starts to melt if absorbed heat reaches a predetermined temperature, and the heat storage sheet stores heat while being maintained at a fixed temperature, while each of the heat storage materials melts. A radiation portion that is subjected to surface processing for improving the radiation rate of the heat storage sheet is provided on the surface of the heat storage sheet.

IPC 8 full level
B41J 2/335 (2006.01)

CPC (source: EP US)
B41J 2/335 (2013.01 - EP US); **B41J 2/3358** (2013.01 - EP US); **B41J 29/377** (2013.01 - EP US)

Citation (search report)

- [X] EP 0484034 A1 19920506 - HEWLETT PACKARD CO [US]
- [X] EP 1151869 A1 20011107 - SHINKO ELECTRIC CO LTD [JP]
- [X] US 5357271 A 19941018 - WIKLOF CHRISTOPHER A [US], et al
- [X] DE 3940545 A1 19900613 - ROHM CO LTD [JP]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 1974926 A2 20081001; **EP 1974926 A3 20090812**; CN 101284453 A 20081015; JP 2008246719 A 20081016; US 2008239059 A1 20081002; US 7724274 B2 20100525

DOCDB simple family (application)
EP 08003908 A 20080303; CN 200810080700 A 20080303; JP 2007088086 A 20070329; US 5414008 A 20080324